

## CLAIMS

What is claimed:

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- 1 A host computer which receives information from an outside source, contains a browser with a window which renders this information onto a virtual display in its memory, whereby a software program reduces the color depth of the rendered virtual display, compresses this reduced virtual display and sends it to a remote device capable of receiving, decompressing, storing into memory and displaying it to a user.
  - 10 2. A host computer which receives information from an outside source, contains a browser with a window which renders this information onto a virtual display in its memory and also reduces the color depth, compresses this reduced virtual display and sends it to a remote device which is capable of receiving, decompressing, storing into memory and displaying it to a user.
  - 20 3. A device as claimed in Claims 1 or 2 such that the browser contains a window whereby a portion of the virtual display is displayed as an image in the browser's window and is captured by a software which reduces the color depth, compresses it and sends it to the remote device, with the browser's window automatically scrolling to other parts of the virtual display during the period the image is sent to the remote device, whereby all parts of the image are captured and sent to the remote device.
  - 25 4. A device as claimed in Claims 1 or 2 such that the browser contains a window whereby a portion of the virtual display is displayed as an image in the browser's window and is captured by a software which reduces the color depth, compresses it and sends it to the remote device, with the

browser's window automatically scrolling to other parts of the virtual display after the image has been sent to the remote device, whereby all parts of the image are captured and sent to the remote device.

5. A device as claimed in Claims 1 or 2 whereby the host computer contains information in an internal or external data base such that the remote device may instruct the host computer to insert parts of this information into specific locations on the virtual display, in conjunction with other information selected by the user that appears on a display screen of the remote device, which is all sent to the source and a refreshed information is received by the host computer from said source.
6. A device as claimed in Claims 1 or 2 such that the remote device comprises a mouse or pointing device connected to it which is used to select or move objects on a display screen, whereby the click down and click up command locations on the display screen are sent as a message to the host computer which inserts these commands in the exact locations on the virtual display, which is sent to the source and a refreshed information is received by the host computer from said source.
7. A device as claimed in Claims 1 or 2 such that different parts of the image after being rendered are reduced in color to different amounts and compressed and sent to the remote device.